

ER-2 #809 08/08/13

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 13-9051

Payload Configuration: SEAC4RS

Nav Data Collected: Yes

Total Flight Time: 7.2 hours

Submitted by: Timothy Moes on 08/09/13

Flight Segments:

From:	PMD	To:	PMD
Start:	08/08/13	Finish:	08/08/13
Flight Time:	7.2 hours		
Log Number:	132301	PI:	Kent Shiffer
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	This coordinated ER-2/DC-8 science flight included the transit from PMD to EFD. Take off time was delayed 38 minutes due to Hydrazine Alarm delaying ER-2 pre-flight activities. eMAS was known non-operational prior to the mission. RSP acquired no data during the flight. The NASDAT box flown on SEAC4RS Flt #2 was returned to the airplane and Iridium communications were good on 3 of 4 working modems. Inmarsat is still in troubleshooting mode. CPL downlink through Iridium was good the entire flight. In general, a very good flight with significant science objectives achieved.		

Flight Hour Summary:

	132301
Flight Hours Approved in SOFRS	166
Total Used	164.6
Total Remaining	1.4

132301 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/01/13	13-9048	Check	3	3	163	
08/02/13 - 08/03/13	13-9049	Science	6.5	9.5	156.5	
08/06/13 - 08/07/13	13-9050	Science	8.4	17.9	148.1	
08/08/13	13-9051	Science	7.2	25.1	140.9	
08/12/13	13-9052	Science	7.9	33	133	
08/14/13	13-9053	Science	6	39	127	
08/16/13	13-9054	Science	7.8	46.8	119.2	
08/19/13	13-9055	Science	8.1	54.9	111.1	
08/21/13	13-9056	Science	7.3	62.2	103.8	
08/23/13	13-9057	Science	7.7	69.9	96.1	
08/27/13	13-9058	Science	7.2	77.1	88.9	
08/30/13	13-9059	Science	7.4	84.5	81.5	
09/02/13	13-9060	Science	8.2	92.7	73.3	
09/04/13	13-9061	Science	8.4	101.1	64.9	
09/06/13 - 09/07/13	13-9062	Science	8	109.1	56.9	
09/09/13 - 09/10/13	13-9063	Science	8.1	117.2	48.8	
09/11/13 - 09/12/13	13-9064	Science	7.6	124.8	41.2	
09/13/13	13-9065	Science	8	132.8	33.2	

09/16/13	13-9066	Science	8	140.8	25.2
09/18/13	13-9067	Science	7.9	148.7	17.3
09/22/13	13-9068	Science	8.1	156.8	9.2
09/23/13	13-9069	Science	7.8	164.6	1.4

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

Related Science Report:

SEAC4RS - ER-2 #809 08/08/13 Science Report

Mission: SEAC4RS

Mission Summary:

See pdf.

File:



[seac4rs_er2_transit_08Aug2013.pdf](#)

Submitted by: Eric Jensen on 08/12/13

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